Cp

UTAH OIL AND GAS CONSERVATION COMMISSION H2O

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE X WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT abd _____

DATE FILED 11-17-83

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-16535 INDIAN

DRILLING APPROVED: 11-29-83 - OIL

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION

GRAVITY A.P.I.

GOR:

PRODUCING ZONES

TOTAL DEPTH

WELL ELEVATION:

DATE ABANDONED: APA. Application Rescinded 4-25-84

FIELD: MONUMENT BUTTE

UNIT:

COUNTY: DUCHESNE

WELL NO. MONUMENT FEDERAL #15-35 API #43-013-30869

LOCATION 516' FSL FT. FROM (N) (S) LINE. 2044' FEL FT. FROM (E) (W) LINE SWSE 1/4 — 1/4 SEC. 35

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC.	OPERATOR
8S	16E	35	LOMAX EXPLORATION CO.				

Form 9-331 C
(May 1963)

SUBMIT IN TRI[illegible]CATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

15

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL
OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR
Lomax Exploration Company

3. ADDRESS OF OPERATOR
P.O. Box 4503, Houston, TX 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
516' FSL & 2044' FEL SW/SE
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
U-16535

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Monument Federal

9. WELL NO.
15-35

10. FIELD AND POOL, OR WILDCAT
Monument Butte ✓

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 35, T8S, R16E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
14 miles South of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
516

16. NO. OF ACRES IN LEASE
1280

17. NO. OF ACRES ASSIGNED TO THIS WELL
40 ✓

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1102

19. PROPOSED DEPTH
5700 GREEN RIVER

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5505' GR

22. APPROX. DATE WORK WILL START*
February, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	300	To Surface
7 7/8	5 1/2	17	TD	As Required

RECEIVED
NOV 17 1983
DIV. OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.
SIGNED G.L. Pruitt TITLE V.P. Drilling & Production DATE 11/10/83

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

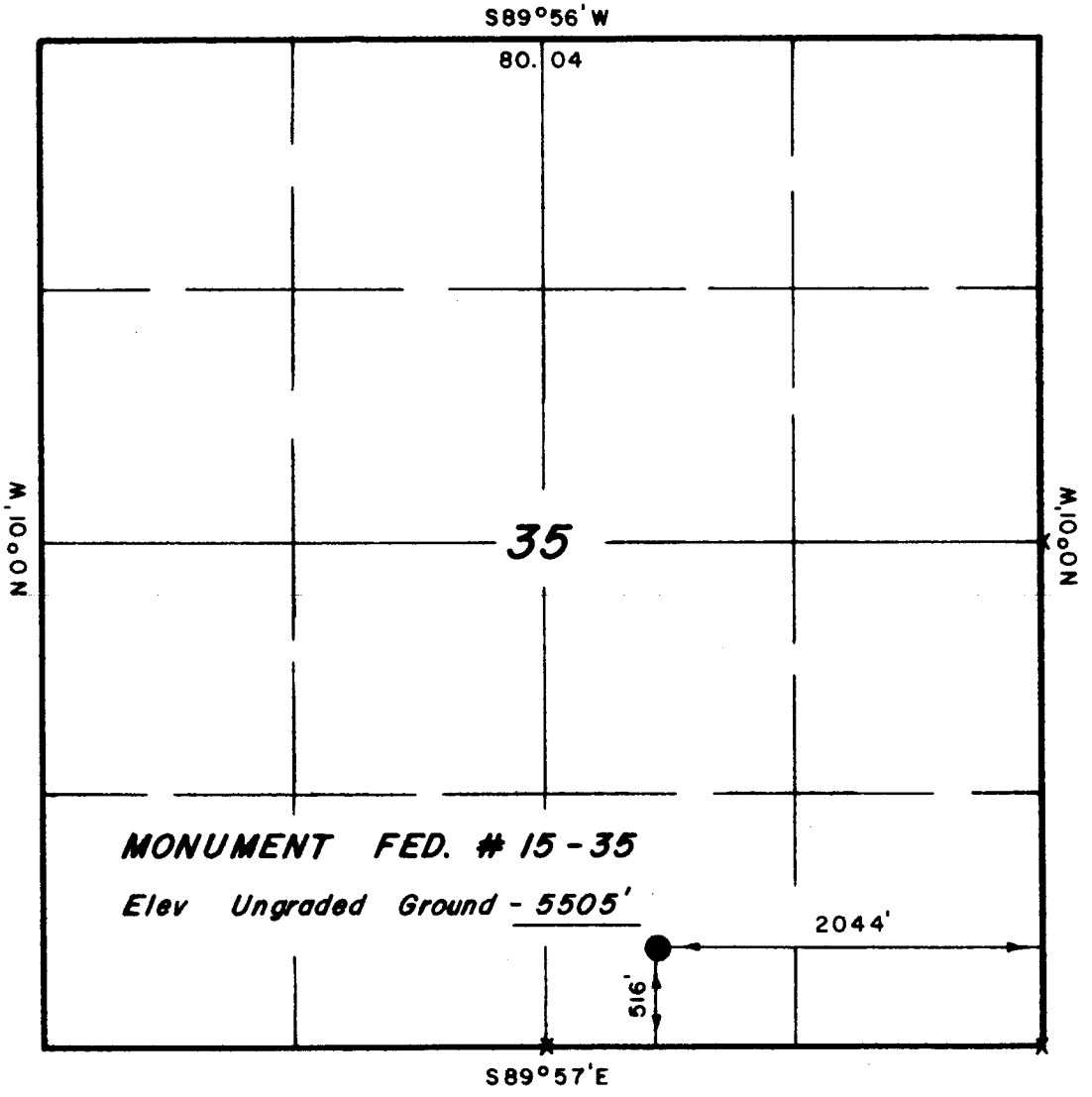
*See Instructions On Reverse Side

PROJECT

LOMAX EXPLORATION CO.

Well location, *MONUMENT FED. #15-35*, located as shown in the SW 1/4 SE1/4, Section 35, T8S, R16E, S.L.B.&M. Duchesne County, Utah.

T 8 S, R 16 E, S.L.B.&M.



X = Section Corners Located

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Lawrence L. Kay

REGISTERED LAND SURVEYOR
REGISTRATION Nº 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q — 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 10/25/83
PARTY R.K. J.F. S.B.	REFERENCES GLO Plat
WEATHER Fair	FILE LOMAX

TEN POINT WELL PROGRAM

LOMAX EXPLORATION COMPANY
Monument Federal #15-35
SW/SE Section 35, T8S, R16E
Duchesne County, Utah

1. GEOLOGIC SURFACE FORMATION:

   Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0 - 3030
Green River	3030
Wasatch	6070

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River	5570 -	Oil

4. PROPOSED CASING PROGRAM:

   8 5/8", J-55, 24#; set at 300'
   5 1/2", J-55, 17#; set at TD
   All casing will be new

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

   The operators minimum specifications for pressure control equipment are as follows:

   A 10" Series 900 Hydril Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure tests of BOP's to 1000# will be made prior to drilling surface plug and operation will be checked daily. (See exhibit A)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

   It is proposed that the hole be drilled with fresh water to the "J" zone and with mud thereafter. The mud system will be a water based gel-chemical, weighted to 10.0 ppg as necessary for gas control.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

No coring or drill stem testing has been scheduled for this well. The logging will consist of a Dual Induction Laterolog and a Compensated Neutron-Formation Density.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

It is not anticipated that abnormal pressures or temperatures will be encountered; nor that any other abnormal hazards such as H_2S gas will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that operations will commence approximately February, 1983.

LOMAX EXPLORATION

13 Point Surface Use Plan

For

Well Location

Monument Federal #15-35

Located In

Section 35, T8S, R16E, S.L.B. & M.

Duchesne County, Utah

LOMAX EXPLORATION
Monument Federal #15-35
Section 35, T8S, R16E, S.L.B.& M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach LOMAX EXPLORATION well location site Monument Federal #15-35, located in the SW 1/4 SE 1/4 Section 35, T8S, R16E, S.L.B.& M., Duchesne County, Utah:

Proceed Westerly out of Myton, Utah along U.S. Highway 40 1.6 miles ± to the Junction of this Highway and Utah State Highway 53; proceed Southerly along Utah State Highway 53 - 1.6 miles to its junction with Utah State Highway 216; proceed Southerly along State Highway 216 - 4.7 miles to its junction with an existing dirt road to the Southwest; proceed Southwesterly along this road 3.8 miles to its junction with an existing dirt road to the Southeast; proceed Southeasterly along this road 0.4 miles to its junction with an existing road 1.6 miles to the beginning of the proposed access road to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point 4.5 miles South on Highway 53; thereafter the roads are constructed with existing materials and gravels. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in, and range from clays to a sandy-clay shale material.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing location described in Item #1 in the NW 1/4 NE 1/4 Section 2, T9S, R16E, S.L.B.& M., and proceeds in a Northerly direction approximately 600' ± to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meterological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There will be no culverts required along this access road.

There will be no turnouts required along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattleguards required.

3. LOCATION OF EXISTING WELLS

There are approximately 17 existing producing wells and one abandoned well within a one mile radius of this location site. (See Topographic Map B.)

There are no known water wells, injection wells, monitoring or observations wells for other resources within a one mile radius.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are approximately sixteen known existing LOMAX EXPLORATION wells within a one mile radius of this location site.

A tank battery site will be set up at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to an existing battery in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the propsed facilities. If there is any deviation from the above, all approporiate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

5. LOCATION AND TYPE OF WATER SUPPLY

At the present time, it is anticipated that the water for this well will be hauled by truck from a private water source that is indicated on Topo. Map "A".

In the event that this source is not used an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHOD OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable chemical toilet will be provided for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none forseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause comtamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, it shall be stripped and stockpiled. (See Location Layout Sheet). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site shall be reseeded with a seed mixture recommended by the surface owner when the moisture content of the soil is adequate for germination. The Lessee further convenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Green River is located approximately 16 miles to the South of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structures of the area that are visible are of the Uintah formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of non-perennialnature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area in only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegatation that is found in the area is common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush some grasses and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic livestock.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B")

Monument Federal #15-35 is located approximately 2.0 miles North of Castle Peak Draw, and 2 miles East of Wells Draw, non perennial drainages which runs to the North East, and drains into the Green River.

The terrain in the vicinity of the location slopes from the Southwest through the location site to the Northeast at approximately 7.5% grade.

The vegetation in the immediate area surrounding the location site consists of sagebrush and grasses with large areas devoid of any vegetation.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archeological, historical or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B".)

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Jack Pruitt
LOMAX EXPLORATION
333 North Belt East , Ste. 880
Houston, TX 77060

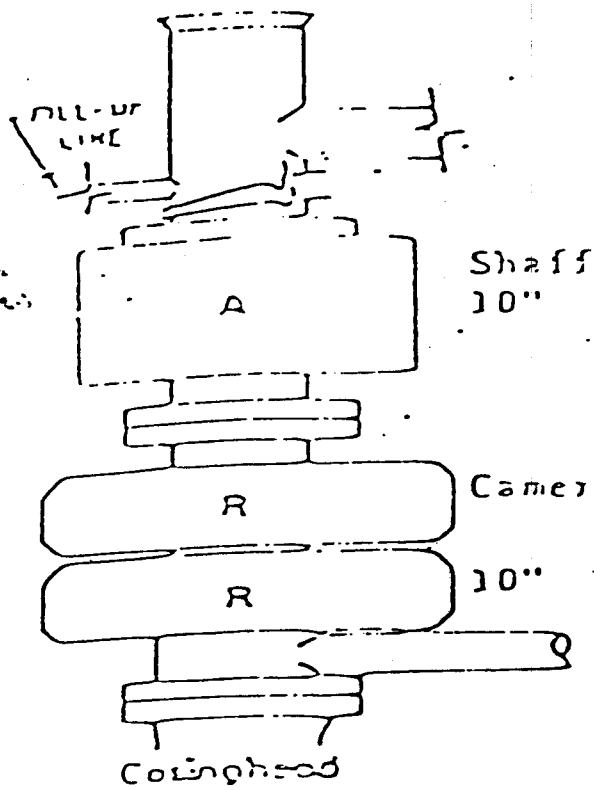
1-713-931-9276

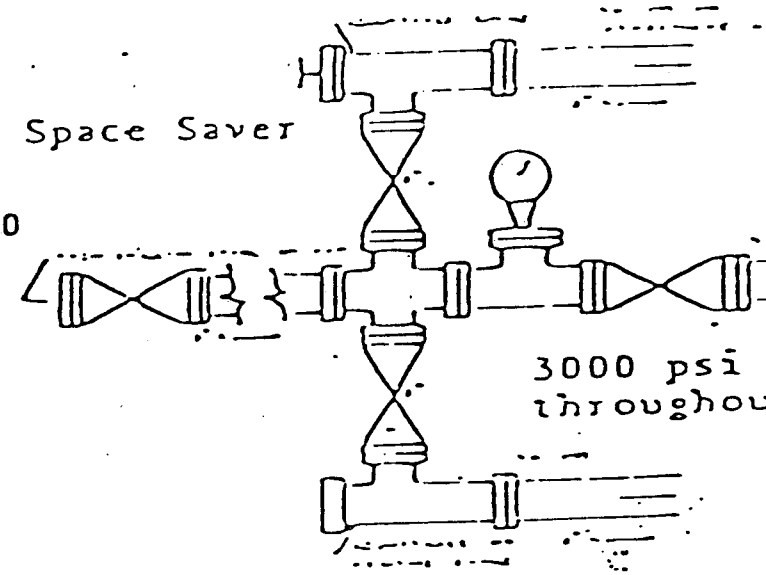
13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by LOMAX EXPLORATION and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

11/10/83
Date

Jack Pruitt

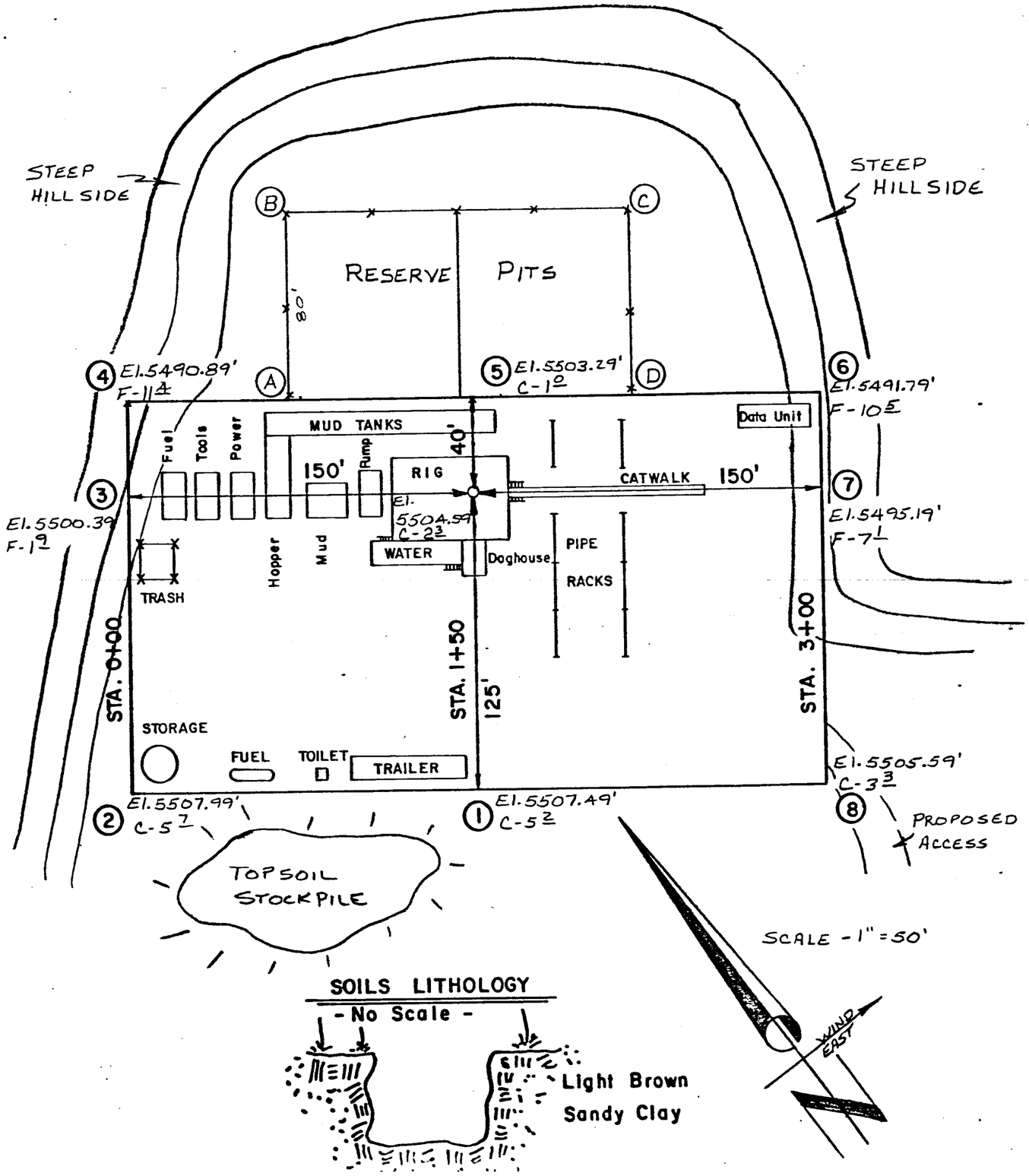

A
R
R
Shaffer Spherical
10" 900
Cameron Space Saver
10" 900
Cowghead


3000 psi

LON-AX EXPLORATION CO.

MONUMENT FEDERAL #15-35

LOCATION LAYOUT & CUT SHEET

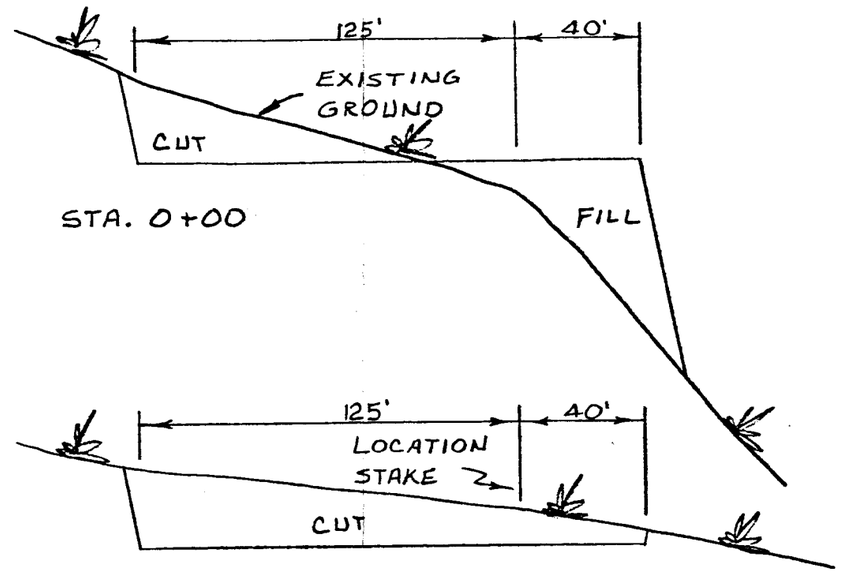


SOILS LITHOLOGY

- No Scale -

Light Brown Sandy Clay

CROSS SECTIONS



Scales

1" = 50'

APPROXIMATE YARDAGES

Cubic Yards Cut - 4,178

Cubic Yards Fill - 3,468

LOMAX EXPLORATION CO.

MONUMENT FED. #15-35

PROPOSED LOCATION

TOPO. MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather, improved surface

Unimproved road fair or dry weather

UTAH

QUADRANGLE LOCATION

MYTON 7.9 MILES

3.8 MILES

1.6 MILES

± 0.4 Mi.

PROPOSED LOCATION
MONUMENT FED. #15-35

PROPOSED ACCESS ROAD 600'±

R 16 E

R 17 E

T 8 S

T 9 S

CASTLE PEAK #7-9 FED

CASTLE PEAK #1-9 FED

MONUMENT BUTTE OIL FIELD

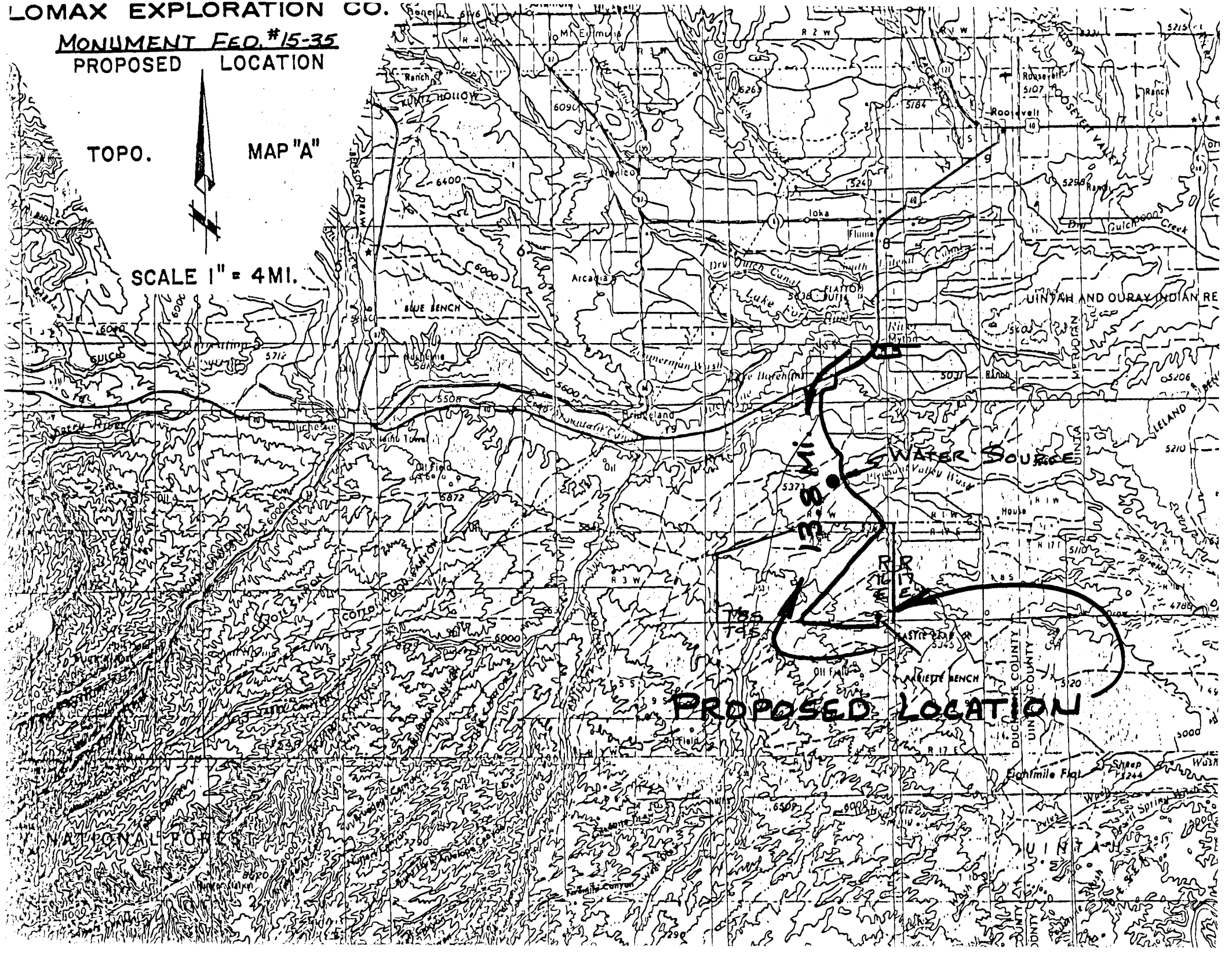
PARIETTE

LOMAX EXPLORATION CO.

MONUMENT FED. #15-35
PROPOSED LOCATION

TOPO. MAP "A"

SCALE 1" = 4MI.



Form 97 2M 10-70

Application No. 57707

47-1675

APPLICATION TO APPROPRIATE WATER
STATE OF UTAH

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be given on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation [X] Domestic [ ] Stockwatering [X] Municipal [ ] Power [ ] Mining [ ] Other Uses [X]
2. The name of the applicant is Joe Shields
3. The Post Office address of the applicant is Myton, Utah 84052
4. The quantity of water to be appropriated .015 second-feet and/or ..... acre-feet
5. The water is to be used for Stockwatering & Other (Major Purpose) from Jan. 1 (Month) (Day) to Dec. 31 (Month) (Day)
   other use period Irrigation (Minor Purpose) from Apr. 1 (Month) (Day) to Oct. 31 (Month) (Day)
   and stored each year (if stored) from ..... (Month) (Day) to ..... (Month) (Day)
6. The drainage area to which the direct source of supply belongs is ..... (Leave Blank)
7. The direct source of supply is* Drain (Name of stream or other source)
   which is tributary to ....., tributary to .....

*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Duchesne County, situated at a point*
   West 400 ft. South 200 ft. from E¼ Cor. Sec. 15, T4S,R2W, USB&M
   (3½ Miles SW of Myton)
   Myton Quad

*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of a collection Ditch to place of use
10. If water is to be stored, give capacity of reservoir in acre-feet ..... height of dam ..... area inundated in acres ..... legal subdivision of area inundated .....
11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:
    NE¼SE¼ Sec. 15, T4S,R2W, USB&M
    Total .25 Acres
12. Is the land owned by the applicant? Yes X No ..... If "No," explain on page 2.
13. Is this water to be used supplementally with other water rights? Yes ..... No X
    If "yes," identify other water rights on page 2.
14. If application is for power purposes, describe type of plant, size and rated capacity. .....
15. If application is for mining, the water will be used in ..... Mining District at the ..... mine, where the following ores are mined .....
16. If application is for stockwatering purposes, number and kind of stock watered 320 Cattle
    in NE¼SE¼ Sec. 15, T4S,R2W, USB&M
17. If application is for domestic purposes, number of persons ....., or families .....
18. If application is for municipal purposes, name of municipality .....
19. If application is for other uses, include general description of proposed uses Stockwatering
20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. used in Myton Oil field in Pleasant Valley
21. The use of water as set forth in this application will consume .015 second-feet and/or acre-feet of water and None second feet and/ or acre feet will be returned to the natural stream or source at a point described as follows: .....

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described

Joe Shields
Signature of Applicant*

*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH, County of Uintah } ss

On the 10th day of May, 1982, personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such citizen.

My commission expires:

(Seal) THEODORE BALDWIN NOTARY PUBLIC Commission Expires Oct 20, 1982 State of Utah

Theodore Baldwin
Notary Public

RECEIVED
MAY 13 1982
WATER RIGHTS

FEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

Flow rate — c.f.s.	Cost	
0.0 to 0.1	$ 15.00	
over 0.1 to 0.5	30.00	
over 0.5 to 1.0	45.00	
over 1.0 to 15.0	45.00	plus $7.50 for each cfs above the first cubic foot per second.
over 15.0	150.00	
Storage — acre-feet		
0 to 20	22.50	
over 20 to 500	45.00	
over 500 to 7500	45.00	plus $7.50 for each 500 a.f. above the first 500 acre feet.
over 7500	150.00	

(This section is not to be filled in by applicant)

1:45 p.m

STATE ENGINEER'S ENDORSEMENTS

1. May 10, 1982 Application received by mail / over counter in State Engineer's office by TWB
2. ..... Priority of Application brought down to, on account of .....
3. 5/14/82 Application fee, $15.00, received by J.A. Rec. No. 13745
4. 5-26-82 Application microfilmed by A.N. Roll No. 987-2
5. 5/18/82 Indexed by J.A. Platted by .....
6. May 10, 1982 Application examined by TWB
7. ..... Application returned, ... or corrected by office .....
8. ..... Corrected Application resubmitted by mail / over counter to State Engineer's office.
9. May 10, 1982 / JUL 15 1982 Application approved for advertisement by TWB
10. ..... Notice to water users prepared by LWilson
11. JUL 22 1982 Publication began; was completed AUG 5 1982
    Notice published in Uintah Basin Standard
12. ..... Proof slips checked by .....
13. ..... Application protested by .....
14. 8/20/82 Publisher paid by M.E.V. No. 031023
15. ..... Hearing held by .....
16. ..... Field examination by .....
17. 9-10-82 Application designated for approval / rejection WW 5.G.
18. 9/24/82 Application copied or photostated by slf proofread by .....
19. 9/24/82 Application approved / ~~rejected~~
20. Conditions:

    This Application is approved, subject to prior rights, as follows:

    a. Actual construction work shall be diligently prosecuted to completion.

    b. Proof of Appropriation shall be submitted to the State Engineer's office by 6/30/86

    c. .....

    Earl M. Staker
    For Dee C. Hansen, P.E., State Engineer

21. ..... Time for making Proof of Appropriation extended to .....
22. ..... Proof of Appropriation submitted.
23. ..... Certificate of Appropriation, No. ....., issued

POOR COPY

Application No. 57707

Form 9-331 C
(May 1963)

SUBMIT IN T 'LICATE*
(Other instru. ns on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

DB

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-16535

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Monument Federal

2. NAME OF OPERATOR: Lomax Exploration Company

9. WELL NO.: 15-35

3. ADDRESS OF OPERATOR: P.O. Box 4503, Houston, TX 77210

10. FIELD AND POOL, OR WILDCAT: Monument Butte

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 516' FSL & 2044' FEL SW/SE
At proposed prod. zone

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 35, T8S, R16E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 14 miles South of Myton, Utah

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 516	16. NO. OF ACRES IN LEASE: 1280	17. NO. OF ACRES ASSIGNED TO THIS WELL: 40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 1102	19. PROPOSED DEPTH: 5700	20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5505' GR

22. APPROX. DATE WORK WILL START*: February, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	300	To Surface
7 7/8	5 1/2	17	TD	As Required

RECEIVED
NOV 5 1983
DIVISION OF OIL, GAS & MINING

RECEIVED NOV 1983 Vernal, Utah

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED G.L. Pruitt TITLE V.P. Drilling & Production DATE 11/10/83

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY T.K. Ferguson TITLE DISTRICT MANAGER DATE 12/1/83

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NOTICE OF APPROVAL

UT080-4-M-053

*See Instructions On Reverse Side

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

State Oil Gas & Mining

NOS _____

APD 11/15/83

Company Lomax Exploration

Well Mon. Butte 15-35

Section 35 T 8S R 16E

Lease U-16535

Onsite Date 11/17/83

ADDITIONS TO THE MULTIPOINT
SURFACE USE PLAN
RECLAMATION PROCEDURES

CONSTRUCTION

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with the surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development".

2. The maximum width of access roads will be 30 feet total disturbed area.

3. Topsoil will be stockpiled. The top 6-10 inches of topsoil material will be removed from the location and stockpiled on the backside of the location.

4. Burning will not be allowed. All trash must be contained and hauled to the nearest sanitary land fill.

5. The reserve pit will not be lined with native clay, commercial bentonite, or plastic sufficient to prevent seepage.

6. Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

7. The operator or his contractor will contact the Vernal District BLM, Diamond Mountain Resource Area, 48 hours prior to beginning any work on public land.

8. The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.

9. A cultural resource clearance is required before any construction begins. The clearance has been granted by Grand River Institute.

10. Move location 75' southwest and rotate 90° counterclockwise.

REHABILITATION

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be hauled to a local sanitary land fill.

2. The operator or his contractor will contact the Vernal BLM, Diamond Mountain Resource Area, 48 hours prior to starting rehabilitation work that involves earth moving equipment and upon completion of restoration measures.

3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all trash (cans, barrels, pipe, etc.) must be removed.

4. All disturbed areas must be recontoured to the approximate natural contours.

5. The stockpiled topsoil will be evenly distributed over the disturbed area.

6. Prior to reseeding, all disturbed areas, including the access road, will be scarified and left with a rough surface.

7. Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some such implement will be dragged over the seeded area to assure seed coverage.

8. The access will be blocked to prevent any vehicle use.

9. If any cultural resources are found during construction, all work will stop and the BLM will be notified.

PRODUCTION

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed with the methods described in the rehabilitation section. Stockpiled topsoil will be used in reclaiming the unused areas.

2. All permanent [on site for six (6) months duration or longer] structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective, earthtone color to match the standard environmental colors, Rocky Mountain 5 State Interagency Committee. All facilities shall be painted within 6 months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) are excluded.

3. A first production report will be filed with the Vernal BLM office within 30 days of when the well is put in production to establish APD and site security compliance.

ADDITIONAL STIPULATIONS

1. Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons in the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale resource. Surface casing program may require adjustment for protection of fresh water aquifers.

United States Department of the Interior
GEOLOGICAL SURVEY
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

February 2, 1981

General Outline for the Protection and Isolation of Ground Water and Oil Shale in the Uinta Basin.

The oil shale occurs with varying thicknesses in most parts of the Uinta Basin and at varying depths. Ground water also occurs at varied depths above and below the Oil Shale. These ground waters have varying degrees of salinity. Nonetheless, drilling for hydrocarbon in the Uinta Basin should provide for the protection of the oil shale and the ground water if either is present.

The protection of the oil shale and the ground water can effectively be carried on through the design of an adequate casing and cementing program for each well drilled in the area.

In the Uinta Basin, water occurs mainly in the Uinta and the Green River formations. As drilling for hydrocarbon gets deeper into the crust of the earth, more ground water might be encountered and will be protected as it is encountered.

This notice's purpose is to attempt to lay the groundwork for a casing program and cementing program that will protect the oil shale and the ground water if present.

These programs are to be considered as guidelines. The specificity of casing depth, amount of cement and the depth of staging collars will be considered on an individual basis after a careful study of the logs of each individual well. Cementing from the bottom up is an economical solution if carefully conducted.

The casing and cementing program presented here as an example, will assume that fresh water was encountered in the upper parts of the Green River, that the oil shale occurs in the middle of the Green River (1000 foot section) and that some ground water is encountered in the lower parts of the Green River.

In this case, three areas will have to be cemented to assure the integrity of the ground water and oil shale. These areas are above the upper fresh water, across the oil shale and below the lower water aquifer. Deep aquifers that do not contain useful water are cemented to prevent water zone influence on production.

The following casing and cementing program will be appropriate for this example:

A. Surface casing is set at approximately 300 feet and cemented to the surface.

B. The next casing string will be set at approximately 300 feet below the lowest aquifer. Cementing will be done in three stages, using two stage collars and cement baskets or equivalent as described below and on attached sketches:

1. Cement first stage through the casing shoe to fill annulus back to base of lower aquifer.

2. Place 1st stage collar (with cement basket immediately below) at a selected point at the base of the oil shale. Cement will have to reach top of oil shale.

3. Place 2nd stage collar (with cement basket immediately below) 50 feet above the top of the Bird's Nest aquifer and cement to at least 300 feet above the stage collar.

C. The above is an example. Reasonable equivalents that accomplish these same protective measures, (such as cementing the water zones instead of isolating them), depending on the individual cases will be considered for approval.

D. When the above mentioned well is to be abandoned, inner-casing plugs will have to be placed at the same depth as the above mentioned annulus cement jobs.

The use of cement bond logs will verify the authenticity of the cement job performed.

E. The Operator of such well should notify U.S.G.S. 48 hours prior to commencement of casing and cementing activity, so a technician could be dispatched to witness the operations to verify compliance with casing and cementing program.

Attached Sketches:

1. Schematic of the required casing and cementing program.

2. Cross section of the Uinta Basin.

3. Schematic of the general ground water protection program.

AMR/kr

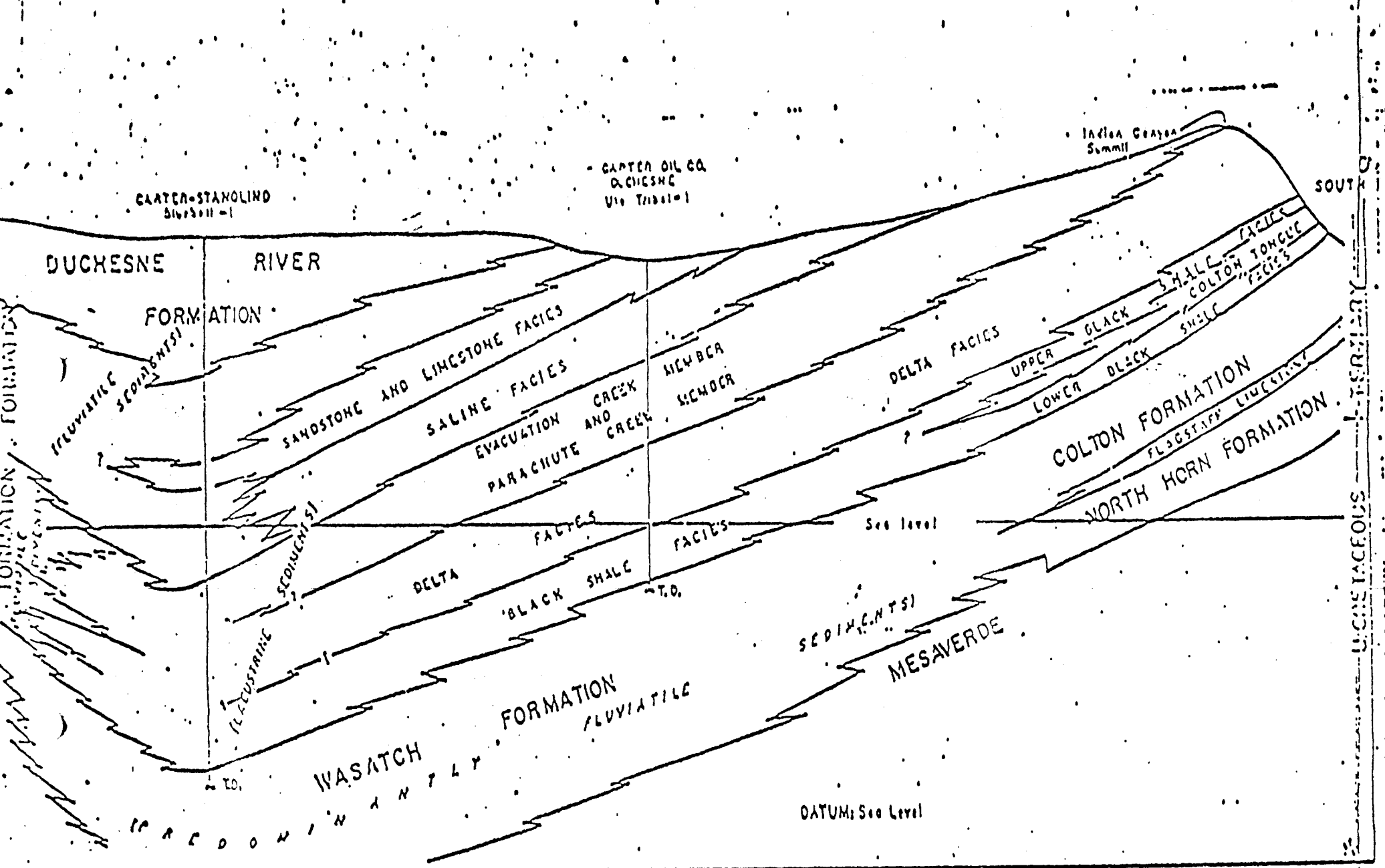
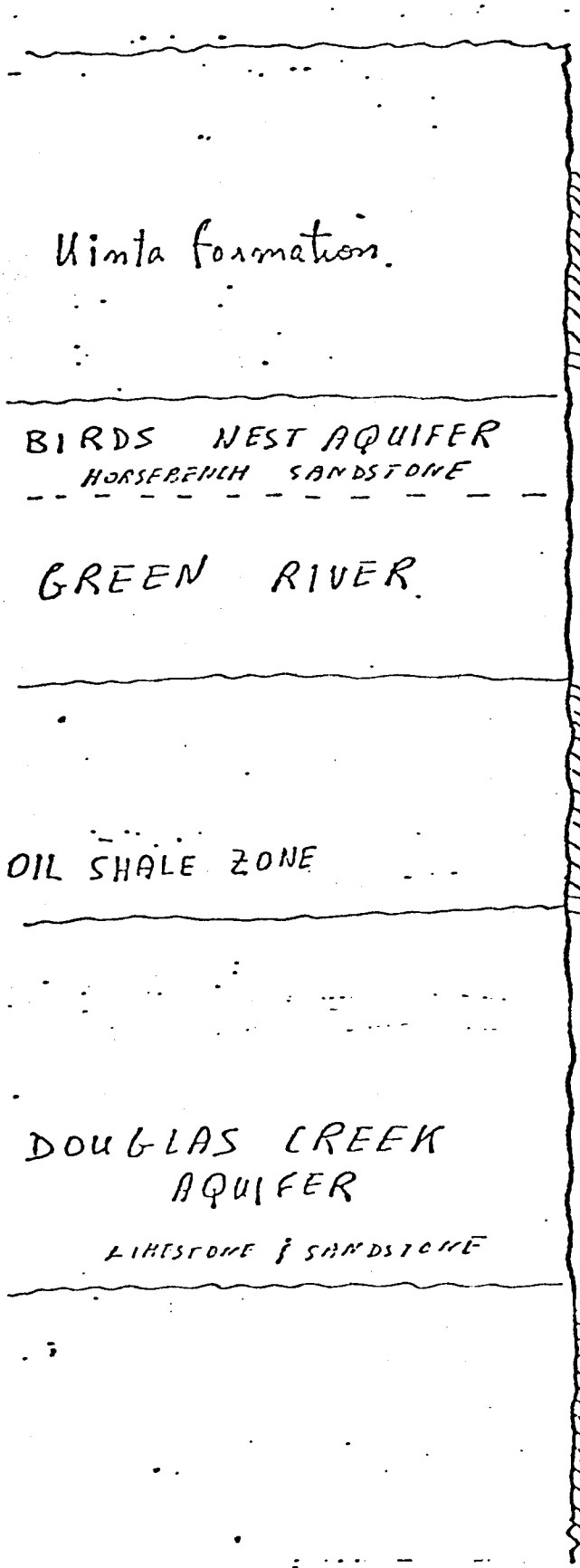


Figure 5.- View east of cross section of Uinta Basin showing stratigraphy and interfingering of Tertiary rocks. Ute Tribal-1 (in section) is located about 8 miles southeast of the application area.

PARTIAL CASING & CEMENTING PROGRAM FOR WELL
NATURAL BUTTES FIELD. UINTAH COUNTY, UTAH



NO SCALE

CEMENT BASKET IS PL
50' ABOVE TOP AQUIF
CEMENT TO RISE
LEAST 300' IN ANNU

STAGE COLLAR
CEMENT BASKET.

CEMENT BASKET IS SET
CONSOLIDATED SECTION AT
BASE OF THE OIL SHALE Z
CEMENT TO REACH THE
OF THE MAHOGANY ZON

CEMENT WILL REACH
OF LOWER AQUIFER

OPERATOR Lomax DATE 11/28/83

WELL NAME Monument Butte # 15-35

SEC SWSE 35 T 8S R 16E COUNTY Duchesne

43-013-30869
API NUMBER

Federal
TYPE OF LEASE

POSTING CHECK OFF:

☐ INDEX ☐ MAP ☐ HL

☐ NID ☐ ☐ PI

PROCESSING COMMENTS:

NO OIL WELLS WITHIN 1000'

WATER # 47-1675

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 11-29-83
BY:

✓

CHIEF PETROLEUM ENGINEER REVIEW:

11/30/83 ✓

APPROVAL LETTER:

SPACING: ☐ A-3 _____ UNIT ☐ c-3-a _____ CAUSE NO. & DATE

☒ c-3-b ☐ c-3-c

SPECIAL LANGUAGE:

[✓] RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

[✓] AUTHENTICATE LEASE AND OPERATOR INFORMATION

[✓] VERIFY ADEQUATE AND PROPER BONDING

[✓] AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

[✓] APPLY SPACING CONSIDERATION

- [ ] ORDER _____
- [ ] UNIT _____
- [X] c-3-b
- [ ] c-3-c

[illegible]

[✓] CHECK DISTANCE TO NEAREST WELL.

[✓] CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

[✓] IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

[✓] IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

[✓] VERIFY LEGAL AND SUFFICIENT DRILLING WATER

November 30, 1983

Lomax Exploration Company
P. O. Box 4503
Houston, Texas 77210

RE: Well No. Monument Butte 15-35
SWSE SEc. 35, T. 8S, R. 16E
516' FSL, 2044' FEL
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30869.

Sincerely,

Norman C. Stout
Administrative Assistant

NCS/as
cc: Branch of Fluid Minerals
Bureau of Indian Affairs
Encl.

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 1, 1985

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Gentlemen:

Re: Well No. Monument Butte 15-35 - Sec. 35, T. 8S., R. 16E
Duchesne County, Utah - API #43-013-30869
Operator of Record - Lomax Exploration Company - U16535

The above listed well in your district was given federal approval to drill December 1, 1985. This office has not received notification of any activity on this location.

Please let me know what action, if any, the Bureau of Land Management is taking on this well.

Thank you for your help in keeping our records up to date.

Sincerely,

Pam Kenna

Pam Kenna
Well Records Specialist

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0161S/25

DRL.

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

3162.35
U-820
U-16535

April 16, 1986

Lomax Exploration Company
50 West Broadway #1200
Salt Lake City, UT 84101

RE: Rescind Application for Permit to Drill
Well No. 15-35
Section 35, T8S, R16E
Duchesne County, Utah
Lease No. U-16535

The Application for Permit to Drill the referenced well was approved on December 1, 1983. Since that date, no known activity has transpired at the approved location. Under current District policy, Applications for Permit to Drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

Craig M. Hansen
ADM for Minerals

mh

bcc: State Div. O G & M
well file
U-922/943

Jim Shaeffer

Lomax Oil & Gas Company
Lomax Exploration Company

Lomax

April 21, 1986

U.S. Department of Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Re: Rescind Application for Permit to Drill
Monument Butte Federal #15-35
Sec. 35, T8S, R16E
Duchesne County, Utah
Lease No: U-16535

Gentlemen,

This letter is to confirm that no surface disturbance has been made for the subject drill site. Please advise if additional information is required.

Sincerely,

J.R. Schaefer
District Drilling Manager

JRS/cc

cc: State of Utah
Natural Resources
Oil Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

West Pole Line Road, P.O. Box 1446 Roosevelt Utah 84066 (801) 722-5103

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 25, 1986

Lomax Exploration Company
P.O. Box 4503
Houston, Texas 77210

Gentlemen:

RE: Well No. Monument Butte 15-35, Sec.35, T.8S, R.16E, Duchesne County, Utah, API NO. 43-013-30869

In concert with action taken by the U.S. Bureau of Land Management, approval to drill the above referenced well is hereby rescinded. A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

John R. Baza
Petroleum Engineer

sb
cc: BLM-Vernal
D. R. Nielson
R. J. Firth
Well file
0278T-46